



# CONSTRUCTION EQUIPMENT

381789 ALTA RENTS VOLVO A25G 752731 - BOGIE/CENTER AXLE



**Sample No:** VCP440400  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 381789 ALTA RENTS



## SAMPLE INFORMATION

Sample Number	<b>VCP440400</b>	VCP440395	---	---
Sample Date	<b>13 Oct 2023</b>	13 Oct 2023	---	---
Machine Hours	<b>627</b>	627	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	---	---
Sample Status	<b>ATTENTION</b>	ATTENTION	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>▲ 87.3</b>	▲ 88.0	---	---
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## CONTAMINATION

Silicon	ppm	<b>■ 5</b>	■ 6	---	---
Sodium	ppm	<b>■ &lt;1</b>	■ <1	---	---
Potassium	ppm	<b>■ 2</b>	■ 2	---	---



## WEAR METALS

Iron	ppm	<b>■ 198</b>	■ 277	---	---
Copper	ppm	<b>■ 22</b>	■ 21	---	---
Lead	ppm	<b>■ 0</b>	■ 0	---	---
Tin	ppm	<b>■ &lt;1</b>	■ <1	---	---
Aluminum	ppm	<b>■ 0</b>	■ 0	---	---
Chromium	ppm	<b>■ 4</b>	■ 5	---	---
Molybdenum	ppm	<b>■ 6</b>	■ 6	---	---
Nickel	ppm	<b>■ 2</b>	■ 3	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>■ 9</b>	■ 10	---	---
Vanadium	ppm	<b>0</b>	0	---	---



## ADDITIVES

Calcium	ppm	<b>▲ 785</b>	▲ 697	---	---
Magnesium	ppm	<b>■ 5</b>	■ 6	---	---
Zinc	ppm	<b>▲ 351</b>	▲ 311	---	---
Phosphorus	ppm	<b>▲ 1321</b>	▲ 1360	---	---
Barium	ppm	<b>■ 9</b>	■ 9	---	---
Boron	ppm	<b>■ 250</b>	■ 244	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

**Depot:** VOLVO0096  
**Unique No:** 10699894  
**Signed:** Jonathan Hester  
**Report Date:** 20 Oct 2023



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## GRAPHS

